



ClareOne Smoke Detector

CLR-C1-SMK

Environmental Detection



The ClareOne Smoke Detector is designed to quickly recognize problem smoke while decreasing false alerts from everyday cooking events. When the Smoke Detector's photoelectric (optical) sensor detects the presence of smoke, it sounds the alarm and then wirelessly transmits the information to the ClareOne Panel to further signal an alert. Meeting new UL standards (UL-268 and ULC-268), this Smoke Detector also employs a thermistor sensor to alert in instances of rapid heat rise.

Specifications

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|-----------------------------|---|
| Compatible panel | ClareOne (CLR-C1-PNL1) |
| Transmitter frequency | 433 MHz |
| Encrypted | Yes |
| Transmitted indications | Tamper and low battery |
| Supervisory keep-alive | 60-70 minutes |
| Alarm type | Multi-criteria |
| Test/hush button | Checks horn circuit, silences alarm for 10 minutes |
| Audible alarm | >85 dB at 3 meters |
| Current drain | Typical 9µA standby |
| Temperature detection | 135° F rate of rise ± 4°F |
| Heat rate of rise detection | 15° F per minute when over 104°F |
| LED indicators | RED: power up, button test, in alarm, in hush, memory YELLOW: power up, low battery, sensor fault, end of life |
| Battery type | (2x) CR123A |
| Battery life | Should be changed annually (extreme temps will affect battery life) |
| Expected life span | 10 years |
| Operating temperature | 40° F to 100° F (4.5° C to 38° C) |
| Humidity range | 15% to 95% RH non-condensing |
| Dimensions | 4.53 x 2.17 in (115 x 55 mm) |
| Certifications | FCC: 15.109 Class B 15.231, Industry Canada: ICES-003, RSS-210, conforms to UL-217, ULC-S531 |

Performance Highlights:

- Features a self-contained sounder
- Heat rate of rise and heat threshold detection
- Conforms to UL217 8th Edition to reduce common nuisance alarms from cooking smoke
- Communicates the presence of smoke to the ClareOne panel
- Supervised transmitter and status LED
- Encrypted technology prevents detector takeovers
- Pairs easily and quickly with the ClareOne panel

By making home technology simple, Clare provides exclusive benefits to integrators, builders, and homeowners. We offer innovative home automation solutions, wireless security, controllable lighting, and IP CCTV components. For more information, visit clarecontrols.com.